

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE <i>(ER 1130-2-3165)</i>						PAGE 1 OF 1	
						DATE July 25, 2008	
TO: The Record					FROM: U.S. Army Corps of Engineers 26 Federal Plaza, ATTN: CENAN-OP-ST New York, NY 10278-0090		
RIVER/HARBOR NAME AND STATE: Great Kills Harbor, Staten Island, New York						MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD	
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)			
GREAT KILLS HARBOR							
Reach A: Commences from the entrance of channel (approx. 500 feet seaward of Red Nun #2) to approx. 65 feet seaward of red Nun # 10.	Map 47 Pgs. 1 & 2 of 5 11,12,16 & 17 Jul 2008	150	0.82	10	3.9	0.0	0.5
Reach B: Commences from approx. 65 feet landward of Red Nun #10 to end of channel (approx. 335 feet landward of Red Nun # 16).	Map 47 Pgs. 2 & 3 of 5 11,12,16 & 17 Jul 2008	150	0.80	10	5.6	9.3	2.3
Reach C: Anchorage Area located along the right side of the channel - Commences from approx. 780 feet landward of Red Nun Buoy #12 to end of the channel (approx. 645 feet landward of Red Nun # 16).	Map 47 Pgs. 2,3 & 4 of 5 11,12,16 & 17 Jul 2008	Irregular	138 acres	8	* Minimum depth is 3.0 feet		
REMARKS: <ul style="list-style-type: none"> • All depths are in Mean Low Water (MLW). • Coordinates Referencing Long Island Lambert System (NAD 1983) • Channel Length is in Nautical Miles ○ Reach A: Shoaling begins approximately 500 feet inside the entrance of the channel across the entire right outside quarter and tapers off about 470 feet seaward of Red Nun #4. Then approximately 720 feet landward of Red Nun #4, the shoal spreads across the entire width of the channel and extends to about 220 feet seaward of Red Nun #8 where it tapers to cover only the right outside quarter until the end of the reach. This major shoal has effectively blocked the channel from about 620 feet seaward of Red Nun #6 to just 400 feet landward of the same buoy. ○ Reach B: Some shoaling appears just right of Red Nun Buoy #10 for approximately 500 feet along the right outside quarter and a 100 ft long and 50 ft wide shoal in the left outside quarter just opposite to the same buoy. Shoaling exists beginning at approximately 860 feet landward of Red Nun Buoy #10 for approximately 540 feet along the left outside quarter. There is a small shoal that covers the entire channel for approximately 50 feet, beginning at approximately 300 feet seaward of Red Nun #16. ○ Reach C: Anchorage Area – The minimum depth for the anchorage area is 3.0 feet. 							